CLAIMS

We Claim:

1. A wireless router, comprising:

    an amplifier;

    a processor coupled to the amplifier;

    a power connection coupled to the amplifier; and

    a transceiver bank coupled to both the amplifier and the processor.

2. The wireless router of Claim 1 further comprising wireless communication software stored in a memory, the memory being coupled to the processor.

3. The router of Claim 1 further comprising a memory coupled to the processor.

4. The router of Claim 1 further comprising an input/output port coupled to the processor.

5. The router of Claim 1 further comprising an internal antenna coupled to the transceiver bank.

6.   The router of Claim 1 wherein the processor stores an algorithm that enables a Bluetooth protocol.

7.   The router of Claim 1 wherein the processor stores an algorithm that enables a Home RF protocol.

5   8.   The router of Claim 1 wherein the processor stores an algorithm that enables an IEEE 802.11 protocol.

9.   The router of Claim 1 wherein the transceiver bank is enabled to support a plurality of wireless protocols.

10.   The router of Claim 1 wherein the processor stores algorithms that enable
10   a plurality of wireless protocols.

11.   The router of Claim 1 wherein the transceiver bank supports a plurality of wireless protocols.

12.   The router of Claim 1 wherein the transceiver bank comprises at least one transceiver.

13. The router of Claim 1 wherein the transceiver bank maintains software capable of implementing a wireless protocol.

14. A method of routing wireless information, comprising:

receiving a packet having a signal strength;

amplifying the signal strength to a second signal strength; and

transmitting the packet at the second signal strength.

15. The method of Claim 16 wherein the packet is routed via a Bluetooth protocol.

16. The method of Claim 16 wherein the packet is routed via a Home RF protocol.

17. The method of Claim 16 wherein the packet is routed via an IEEE 802.11 protocol.

18. The method of Claim 16 wherein the packet is routed via a plurality of wireless protocols.

19. The method of Claim 16 wherein the packet is received via a first protocol and the packet is transmitted via a second protocol.